

The antioxidative components from *Alpinia nutans*

ABSTRACT

The methylene chloride extract of *Alpinia nutans* was investigated for its antioxidant constituents. 5,6-Dehydrokawain (1), flavokawin-B (2), 1,7-diphenyl-5-hydroxy-6-hepten-3-one (3), (-)-pinocembrin (4) and a mixture of stigmasterol and β -sitosterol were isolated. The antioxidant activity was measured on isolates 1-4 using ferric thiocyanate (FTC) and diphenylpicrylhydrazyl (DPPH) free radical scavenging techniques.

Keyword: (-)-pinocembrin; 1,7-diphenyl-5-hydroxy-6-hepten-3-one; 5,6-dehydrokawain; *Alpinia nutans* Rosc.; Anti-oxidative activity; Flavokawin-B